

1945

# PUBLIC HEALTH REPORTS

FOR THE  
UNITED HEALTH AREA

COMPRISING

Borough of Newark

Southwell Rural District

Newark Rural District

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BY

G. G. BUCHANAN, M.B., Ch.B., D.P.H.

Medical Officer of Health for the Area

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Reports of Sanitary Inspectors appended



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Public Health Department,  
The Friary,  
Appleton Gate,  
NEWARK

*August, 1946*

*To the Mayor and Corporation, of the Borough of Newark*

Sir, Madam and Gentlemen,

I have the honour to present to you my sixth Annual Report on the sanitary circumstances, health and vital statistics of the Borough throughout the year 1945.

In accordance with the Ministry of Health Circular 28/46, the Report is again an Ordinary Report and is abbreviated as in previous war years.

The outstanding event of the year was of course the termination of hostilities with the consequent hope for advancement in public health functions in the near future. The beginning of housing improvements is showing possibilities but much requires to be done. This Borough is one with an ancient history and many ancient houses which may have passed muster in "the good old days" but which cannot be allowed to remain under modern conditions; those people interested in old architecture would like to see many of our old buildings retained for "show" purposes. To this I have no objection, but I do not expect people to live in them. There is much overcrowding with, in some instances, a deplorable lack of separation of sexes, and close co-operation between those responsible for housing and the Public Health Department is necessary so that the worst cases of bad or overcrowded conditions can be dealt with as priority.

On 1st April, 1945, the functions of the Borough as an Educational Authority came to an end under the Education Act, 1944. This is only the beginning of the modern tendency to centralise in larger Authorities, and I am afraid that other local functions will, sooner or later, pass to the County Council or some new regional body. The alteration has, up to the present time, made no difference in the continuity of supervision of children as I have continued as District School Medical Officer.



In September Mr. Kemp's service as Sanitary Inspector came to an end. He had given loyal and faithful service to the Corporation for 39 years, and much of the basic work on which the present health services stand had been carried out by him. In his long period, Mr. Kemp had served under several Medical Officers of Health, and I am sure that each found him to be a man with remarkable reliability, a vast knowledge of his profession, and willing to help others. Mr. Dewhurst returned from the forces in October to take up again his appointment as Sanitary Inspector.

Nursing Staff deficiency caused anxiety throughout the year and we were fortunate in having no epidemic of disease requiring isolation hospital treatment. For the last three months of the year the clinic nursing staff consisted of only one Health Visitor. The vacancy on our own staff remained, and still remains, unfilled and the County Council vacancy was in the same position.

Fortunately the clerical staffing difficulty was overcome in January 1946, with the appointment of a Senior Clerk to fill the vacancy which had existed since 1941.

I desire to record my thanks to the Members of the Council for their continued support and to my colleagues in other departments for their ever-ready help. To members of the Public Health Staff, all of whom have willingly undertaken extra duties because of unfilled vacancies, I tender my sincere gratitude. I would especially mention Mrs. Johnston, Matron of the Isolation Hospital, who had to carry on with a staff deficient both in nurses and domestic assistance.

I am,

Your obedient Servant,

G. G. BUCHANAN



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# BOROUGH OF NEWARK

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Mayor - Councillor C. Clutterbuck

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## *Public Health Committee :*

Councillor C. CLUTTERBUCK, (*Chairman*)  
Alderman P. J. C. STANILAND, M.B.E., J.P., C.C.  
Councillor A. M. DEANE  
Councillor J. A. MARKWICK  
Councillor W. H. PEARSON  
Councillor A. E. WHOMSLEY  
Councillor E. K. WALKER  
Councillor Mrs. E. YORKE

## *Isolation Hospital Sub-Committee*

Councillor C. CLUTTERBUCK (*Chairman*)  
Alderman P. J. C. STANILAND, M.B.E., J.P., C.C.  
Councillor Mrs. E. YORKE  
Mr. G. A. SMITHSON (Newark R.D.C.)

## *Maternity and Child Welfare Committee :*

Councillor C. CLUTTERBUCK, (*Chairman*)  
Alderman P. J. C. STANILAND, M.B.E., J.P., C.C.  
Councillor A. M. DEANE  
Councillor J. A. MARKWICK  
Councillor W. H. PEARSON  
Councillor A. E. WHOMSLEY  
Councillor E. K. WALKER  
Councillor Mrs. E. YORKE  
Mrs. BAXTER  
Mrs. C. NICHOLSON  
Mrs. SEYMOUR

## *Public Health Staff of the Authority* (as at 31st Dec., 1945)

*Medical Officer of Health*  
G. G. BUCHANAN, M.B., Ch.B., D.P.H.

*Medical Officer of Ante-Natal Clinic*  
G. S. BUCHANAN, M.B., Ch.B., D.P.H.

*Sanitary Inspectors :*  
J. CATLOW, M.S.I.A., M.R.S.I., Cert R.S.I. and S.I.J. Board, Certified Meat

Inspector (R.S.I.)  
A. DEWHURST, A.R.S.I., M.S.I.A., Cert R.S.I. and S.I.J. Board

*Health Visitors :*  
Mrs. I. CLEGHORN, S.R.N., S.C.M., Cert. R.S.I. for Health Visitors

# Borough of Newark

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## Statistical Summary for 1945

Area of Borough	3,364 Acres
Population	21,150
Number of inhabited houses at the end of 1945	5,347
Rateable Value	£145,824
Sum represented by penny rate	£571-7-10 $\frac{3}{4}$
Birth rate per 1,000 population	19.0 (16.1)
Death rate per 1,000 population	11.9 (11.4)
Infantile Mortality Rate per 1,000 births	49.7 (46)



## Vital Statistics for the year 1945

BIRTHS				Total	Males	Females
Live Births	402	Legitimate	..	354	181	173
		Illegitimate	..	48	21	27

Birth Rate per 1,000 estimated resident population mid-1945, 19.0 (16.1)

Still Births	15	Legitimate	..	10	3	7
		Illegitimate	..	5	5	—

Birth Rate per 1,000 total (live and still) births 35.9.

DEATHS	..	..	..	..	..	252	133	119
--------	----	----	----	----	----	-----	-----	-----

Death Rate per 1,000 estimated average population 11.9 (11.4)

Number of Women dying in, or in consequence of Childbirth :

From Puerperal Sepsis .. Nil.

From other puerperal causes 1

Deaths of Infants under 1 year of age : 20

Death Rates—

All infants per 1,000 births .. .. . 49.7 (46)

Legitimate infants per 1,000 legitimate live births .. 45.1

Illegitimate infants per 1,000 illegitimate live births .. 83.3

Deaths from Diarrhoea (under 2 years of age) .. .. 4

Deaths from Measles (all ages) .. .. —

Deaths from Whooping Cough (all ages) .. .. —

Chief causes of Death :-

Diseases of Heart .. .. 80

Cancer .. .. 40

Disease of Respiration .. .. 29

Intra-Cranial Vascular Disease .. .. 26

Tuberculosis—Pulmonary .. .. 10

„ Non-Pulmonary .. .. 2

(Note.—Figures given in brackets are corresponding figures for England and Wales).

# GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA

## Clinics

(a) Under the control of Newark Borough Council :—

### **Maternity and Child Welfare Centre**

Monday and Thursday, 2 to 4 p.m.

### **Ante-Natal Clinic**

Tuesday (Fortnightly), 2 to 4 p.m.

### **Dental Clinic**

Expectant mothers and pre-school children—Friday 2 p.m.  
(arranged as necessary.)

(b) Under the control of Nottinghamshire County Council :—

### **School Clinic**

Monday, Wednesday and Friday, 9 to 10.30 a.m.

### **Dental Clinic**

School children—Tuesday and Thursday, 9.30 a.m. 2 p.m.

The above are held at the Public Health Department,  
Appleton Gate, Newark.

### **Chest Clinic, 11 Cartergate**

Tuesday, 10 a.m. to 12 noon.

(c) Under the Control of Newark and District Cripples Guild :—

### **Orthopaedic Clinic**

Monday, Wednesday and Friday, 10 a.m. to 1 p.m.

3rd and 4th Wednesday each month, 2 to 4 p.m.

The Orthopaedic Surgeon attends on the 4th Wednesday afternoon in each month. The Clinic is held in the Public Health Department, The Friary, Appleton Gate.

## Ambulance Service

One accident and sick ambulance is maintained by the Borough Police. An ambulance has now (July, 1946) been purchased by the Public Health Committee to act as reserve. It appears likely that when the Borough Police are incorporated in the County Police, the present service will cease and the inauguration of a service by the Public Health Committee is already under consideration.

A separate ambulance is maintained by the Public Health Committee for the transport of cases of infectious disease. The ambulance is an old model and will require renewal whenever circumstances permit.

## Maternity and Child Welfare

A reduction in the number of home visits by Health Visitors and attendances at the Child Welfare Centre took place compared with the previous year, the former due to lack of staff, and the latter principally to the withdrawal of wives of service men from the area. A pleasing increase, however, took place in the number of toddlers (1 — 5) attending the Centre.

Efforts to obtain Home Helps and Domestic Helps again failed.

<b>Home Visiting</b>	1945	1944
Visits paid by the Health Visitors numbered ..	2,477	2,553
(a) To expectant mothers .. ..	112	93
(b) To children under 1 year of age .. ..	988	934
(c) To children between 1 and 5 years .. ..	1,387	1,499
(d) In connection with Infectious Disease ..	29	27

### Ante-Natal Clinic

Attendances :

Ante-natal mothers.. ..	New attendances	94	117
	Total attendances	279	342
Post-natal mothers ..	Attendances ..	21	19

### Child Welfare Centre

	1945	1944
Attendance by children under 1 year of age ..	4,659	5,565
Attendance by children between 1 and 5 years. ..	2,530	2,361
Number of individuals attending for the first time	437	322
Medical Officer's examinations .. ..	653	597

Comparison of attendances at the centre in 1945 with those of previous years indicates the use now being made of this service :—

1930 ..	2,503	1942 ..	5,834
1940 ..	4,638	1943 ..	6,533
1941 ..	5,239	1944 ..	7,926
		1945 ..	7,189

### Dental Clinic

Sessions were still arranged as and when necessary until the end of 1945, the work being undertaken by a part-time Dental Practitioner.

	1945	1944
Number of Sessions .. ..	18	13
Attendances .. ..	110	66



## Maternity Beds

One bed in the Maternity Wing of the General Hospital was reserved for complicated cases, or those whose home conditions are unsuitable for confinement. In August this reservation was increased to cover two beds. By the increase the number of requests for County Council Maternity beds was reduced thereby releasing accommodation for those Authorities without local facilities.

During the year 36 women were admitted to the Maternity Wing compared with 21 in 1944. The number admitted to County Council beds was 19 a reduction of 14 on the number for 1944.

The Maternity Wing, like other institutions, has been considerably affected by the scarcity of nurses, and credit is due to the Staff for the way in which they have carried on. Owing to the increasing desire of women to have their confinements in hospital, an increase in the number of beds is becoming essential, but the possibility of building is still remote.

## Day Nursery

With the cessation of hostilities the drop in the attendances was not as considerable as was expected and the accommodation at the Nursery is still well utilized. Unfortunately the fate of the Nursery hangs in the balance.

The average number of daily attendances was :—

Children under 2 years old . . . . .	6
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Children over 2 years old . . . . .	13
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## Illegitimate Children

The arrangements mentioned in my 1944 report continued to operate. A member of the County Council's Almoner Service maintained close co-operation with the Borough Public Health Staff.

## Premature Infants

The number of premature infants reported during the year was 14 (including 4 sets of twins). Of these 9 were born in hospital. A consultant was appointed in accordance with the Ministry of Health Circular 20/44. His services were requested once during the year.

## Infectious Diseases

No epidemic of a serious nature occurred in the Borough, although measles was somewhat prevalent.

**For the first time on record no case of diphtheria was notified.** This pleasant state, is in my opinion, due to immunisation. There are unfortunately still a small percentage of parents unwilling to allow their children to be afforded the protection of immunisation. Is it that the parents (usually the father) fears a restless night or two? This rarely happens and surely it is worth putting up with, especially when the tragedy of weeks of anxiety over a child with diphtheria is considered.

During the year 281 children under 5, and 41 over 5 were given the necessary injections through the Council's Scheme. The percentage of under 5's is still too small.

Since the commencement of the Scheme in 1941, the number of children who have had the full course of injections prior to December 1945, was :—

<i>Under 5 years</i>	<i>Over 5 years</i>	<i>Total</i>
1,501	2,643	4,144

In addition to these there are many who were immunised by their own medical attendant, and the estimated percentage dealt with both by the Council and private practitioners is :—

Aged under 5 years	.. ..	65 per cent.
Aged between 5 and 15 years	.. ..	80 per cent.

### **Isolation Hospital**

Sixty cases were admitted during 1945. They were admitted on account of the following diseases :—

Scarlet Fever	..	43 plus 1 not confirmed
Diphtheria	.. ..	12 (2 died) plus 3 not confirmed
Vincent's Angina	..	1
Encephalitis Lethargica	1 (Died)	

Of these cases 43 were admitted from the Hospital Area namely, the Borough (28) and Newark Rural District (15).

The cases from outside the area came from the following Districts:

Southwell R.D.C.	.. ..	7
North Kesteven R.D.C.	..	6
Carlton U.D.C.	.. ..	2
H.M. Forces	.. ..	2

### **Laboratory**

The Laboratory at the Public Health Department has again been well used in 1945, the following work having been carried out :—

	<i>Total</i>	<i>Positive</i>	<i>Negative</i>
Swabs examined for Bac. Dip.	82	4	78
Sputum exam. for Tub. Bac.	92	5	87
Other specimens examined ..	14	—	—

### **Infestation.**

The incidence of scabies was not a marked feature during the year. Home treatment was given by Benzyl Benzoate applications under the supervision of the Medical Officer of Health and Health Visitors. Sufficient emulsion was given to ensure adequate treatment of the household.

The arrangements to combat verminous conditions continued as in previous years with the use of Lethane Hair Oil. Close co-operation between the Staffs of the Public Health Department and the School Medical Service continued, but the lengthy process for excluding school children, instituted under the Education Act, 1944, was not conducive to the rapid stopping of spread of head infestations in schools.



## Rodent Destruction

Considerable progress was made in dealing with rodents in the Borough. The following table shows the work carried out :—

Types of Premises	Visits without Treatment	Visits with Treatment	Total No. of Visits	No. Treated including Re-Treatmt.	Estimated Killed	Bodies Found	Mice Caught
Workshops .. ..	18	114	132	19	8416	564	3
Malt Kilns .. ..	16	138	154	23	2777	191	—
Shops .. ..	204	312	516	52	911	35	587
Corporation Property	6	36	42	6	2205	141	—
Houses .. ..	200	672	872	112	842	201	186
Pig Sties .. ..	8	54	62	9	620	75	—
Hotels and Inns ..	12	36	48	6	546	6	14
Miscellaneous ..	22	108	130	18	3350	265	71
<b>TOTAL .. ..</b>	<b>486</b>	<b>1470</b>	<b>1956</b>	<b>245</b>	<b>19667</b>	<b>1478</b>	<b>861</b>

Poison eaten :—    Zinc Phosphide    ..    317 lbs. 14 ozs.  
                                  Arsenic        ..        ..        91 lbs. 7 ozs.  
                                  Red Squill        ..        60 lbs. 6 ozs.  
                                  Barium Carb.        ..        15 lbs. 10 ozs.

**Total** poison eaten        ..        ..        485 lbs. 5 ozs.

A contract was entered into in July, 1945 ; an extensive campaign was carried out in the first three weeks and resulted in the following :—

Type of Premises	Number of Baiting Points	Amount of Poison Used	Amount of Poisoned Bait Eaten	Estimated of Rats Killed	Number of Bodies Found
FACTORY	1554	lbs.    ozs. 477       4	lbs.    ozs. 152       15	6117	438

### Water Supply

The water supply was satisfactory in quality and quantity. Two stations pump water from the “ Bunter Sand Stone ” a deep supply of water of excellent quality. The original station is at Farnsfield in Southwell Rural District and water from this plant is supplied to a number of places in Southwell District. The second pumping station is in Clay Lane within the Borough.

The annual quantity recorded as supplied to the Borough in 1945 was :—

Farnsfield (Trent Bridge)    429,800,000 gallons

Clay Lane, Newark            115,640,000 gallons

Bacteriological and chemical analyses were carried out quarterly. The samples were taken from household taps, *i.e.*, after chlorination and all were reported as bacteriologically and chemically suitable for all domestic uses.

The water is not liable to have plumbo solvent action.

The proportion of the population supplied from mains direct to houses was 75 per cent and by means of stand pipes was 25 per cent.

# INFECTIOUS DISEASES

Analysis of Notified Cases during the year 1945, according to Age Groups

DISEASE	AGE GROUPS											
	Under 1 year	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 35	35 to 45	45 to 65	65 and over
Cerebro-Spinal Fever ..	—	1	1	—	—	—	1	1	1	—	—	—
Scarlet Fever ..	1	1	—	5	1	20	3	1	—	—	—	—
Diphtheria ..	—	—	—	—	—	—	—	—	—	—	—	—
Enteric Fever (including Paratyphoid)	—	—	—	—	—	—	—	—	—	—	—	—
Puerperal Pyrexia ..	—	—	—	—	—	—	—	—	1	—	—	—
Pneumonia ..	—	—	—	—	—	—	—	1	2	—	—	—
Erysipelas ..	—	—	—	—	—	—	—	—	—	—	—	1
Encephalitis Lethargica ..	—	—	—	—	—	—	1	—	—	—	—	—

# INFECTIOUS DISEASE, 1936—1945

Year	Diphtheria including Membranous Croup	Erysipelas	Scarlet Fever	Enteric Fever	Puerperal Pyrexia	Pulmonary Tuberculosis	Other forms of Tuberculosis	Cerebro-Spinal Fever	Ophthalmia Neonatorum	Measles	Pneumonia	Whooping Cough	Total
1936	15	6	56			18	4		3		1		103
1937	25	4	30		2	28	5				3		97
1938	134	6	29		4	27	9		3		8		220
1939	81	4	23	1	5						6		120
1940	27	4	24		2	30	8	6		160	7	1	269
1941	10	3	17	7	7	30	7	6	1	239	8	45	380
1942	6	4	34		2	35	9	3	3	13	1	13	123
1943	3	10	21		5	20	4	—		173	7	54	297
1944	1	5	20		16	28	4	2	1	2	1	2	82
1945		1	32		1	21	9	5	2	119	3	15	208



# TUBERCULOSIS

## New Cases and Mortality during 1945

Age Periods	New Cases				Deaths			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	M.	F.	M.	F.	M.	F.	M.	F.
0	—	—	—	—	—	—	—	—
1	—	—	1	1	—	—	—	—
5	1	3	1	—	—	—	—	—
10	—	—	1	—	—	1	—	—
15	1	1	—	—	—	—	—	—
20	1	2	1	—	—	1	—	—
25	2	1	—	1	1	1	—	—
35	4	1	2	—	—	—	—	—
45	1	—	—	—	1	—	—	—
55	—	1	—	—	—	—	—	—
65 & upwards	2	—	—	1	—	—	—	—
Totals	12	9	6	3	2	3	—	—

(1) Non-notified deaths :—Pulmonary Tuberculosis— 1

Non-Pulmonary Tuberculosis— 0

(2) There was no evidence of excessive mortality from Tuberculosis in any particular occupation in this area.

**Public Health (Prevention of Tuberculosis) Regulations, 1925.**

No action has been necessary under these Regulations.

**Public Health Act, 1936. Section 172.**

No action has been necessary under the above heading.



# ANNUAL REPORT OF SANITARY INSPECTORS FOR THE YEAR 1945

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Complaints received .. .. .	173
Nuisances dealt with and abated .. .. .	221
Informal Notices served (including letters) .. .. .	203
Letters re Notices .. .. .	72
<b>Inspections carried out :—</b>	
Houses inspected .. .. .	270
Re-inspections .. .. .	343
Food Premises inspected .. .. .	98
Dairies, Cowsheds and Milkshops inspected .. .. .	56
Inspections at Slaughterhouses, Markets and Shops (for meat and food inspection) .. .. .	3351
Fried Fish Shops inspected .. .. .	18
Canal Boats inspected .. .. .	6
Bakehouses inspected .. .. .	42
Factories inspected .. .. .	47
Smoke Observations taken .. .. .	3
Drains tested .. .. .	24

## Works in connection with Drainage, and Repairs carried out under the Public Health and Housing Acts, 1936, following Service of Notices

New water closets provided where found defective .. .. .	4
W.C's. repaired .. .. .	18
Pail closets repaired and cleansed .. .. .	6
W.C. flushing cisterns provided .. .. .	2
"    "    "    overflow pipes repaired .. .. .	3
"    "    "    flush pipes repaired .. .. .	4
"    "    "    supply pipes repaired .. .. .	2
Defective drains repaired and re-laid .. .. .	41
Sink waste pipes trapped .. .. .	3
"    "    repaired .. .. .	4
Trapped yard gullies fixed .. .. .	15
Spouting and rainwater pipes renewed .. .. .	43
"    "    "    repaired .. .. .	14
Defective roofs repaired .. .. .	53
Yards and Passages paving repaired .. .. .	4
Yard paving renewed .. .. .	2
House windows made to open properly .. .. .	8
"    "    repaired .. .. .	31
House floors repaired .. .. .	7
Ashbins provided (new) .. .. .	147
Cesspits cleansed and repaired .. .. .	2
Houses found dirty and cleansed .. .. .	11
Accumulations of manure and other offensive matter removed .. .. .	9

## Other Duties Performed :—

Living vans inspected at fairs, and at other times .. ..	46
Cases of infectious disease investigated .. ..	32
Premises visited re supervision of disinfection after case of infectious disease .. ..	24
Visits to premises where the Scheduled Offensive Trades are carried on .. ..	9

## Factories

There are 167 factories in the Borough comprising 128 with mechanical power, and 39 without. Routine inspections were made. One defect was discovered, this was remedied after the service of an informal notice.

## DISINFECTIONS

Houses disinfected .. ..	67
Rooms disinfected .. ..	108
Schools disinfected .. ..	30
Schools disinfected (separate rooms) .. ..	160
Articles disinfected at the steam disinfector .. ..	1,968
Houses fumigated for bug infestation .. ..	24

## Vermin Control

During the year under review D.D.T. became available to Public Health Authorities, and this has been used with good results in the eradication of infestations of bed bugs, fleas and flies. In addition, another new substance "Gammexane" has proved most effective in the eradication of beetles, ants, cockroaches, etc.

The use of these two new insecticides should considerably help in the reduction of the number of infested premises, for, in addition to destroying the insects at the time of application, they retain their lethal properties for some months, and so prevent reinfestation for a considerable time. It is strongly recommended that all new houses erected by the Council are decorated internally with paints and distempers containing D.D.T. to prevent any danger of them becoming infested. A further precaution would be the treatment with D.D.T. of the furnishings of all new tenants of the Council's houses, prior to removal thereto.

## HOUSING

In view of the acute shortage of labour and materials in the building and allied trades, housing work has necessarily had to be curtailed. It will be observed, however, that 165 houses which were found not to be in all respects reasonably fit for human habitation were made fit as a result of informal action being taken.

As a result of the shortages in the building industry many of the working class houses, having had no repairs during the war years, are fast falling into the class not capable of being rendered fit at a reasonable cost and it is feared that if materials and labour are not soon made available for repair work to this class of house many more will soon fall into that category, with a resultant demand for more new houses.

## HOUSING

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### 1. Inspection of Dwellinghouses during the year 1945

1.	(a)	Total number of dwellinghouses inspected for housing defects (under Public Health or Housing Acts). .. .. .	270
	(b)	Number of inspections made for the purpose..	613
2.	(a)	Number of dwellinghouses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 and 1932 .. ..	11
	(b)	Number of inspections made for the purpose..	28
3.		Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation.. ..	1
4.		Number of dwellinghouses (exclusive of those referred to under the preceding sub-heading) found not to be in all respects reasonably fit for human habitation .. ..	173

### 2. Remedy of defects during year without service of formal notices.

Number of defective dwellinghouses rendered fit in consequence of informal action by the Local Authority or their officers .. .. .	165
--	-----

### 3. Action under Statutory Powers during the year—

(a)	Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936.					
(1)	Number of dwelling-houses in respect of which notices were served requiring repairs .. ..					Nil.
(2)	Number of dwelling-houses which were rendered fit after service of formal notices.					
(a)	By owners	..	..	..	..	Nil.
(b)	By Local Authority in default of owners ..					Nil.



(b) Proceedings under Public Health Acts :—

(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied .. .. .	Nil.
--	------

(2) Number of dwelling-houses in which defects were remedied after service of formal notices :—

(a) By owners and Occupiers .. .. .	Nil.
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(b) By Local Authority in default of owners ..	Nil.
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(c) Proceedings under sections 11 and 13 of the Housing Act, 1936

(1) Number of dwelling-houses in respect of which Demolition Orders were made .. .. .	Nil.
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(d) Proceedings under section 12 of the Housing Act, 1936

(1) Number of separate tenements or under-ground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit .. .. .	Nil
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(2) Number of separate tenements or under-ground rooms in respect of which Closing Orders were made. .. .. .	1
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**Housing Act, 1936, Part IV.—Overcrowding**

Owing to the constant movement of the population during the war years it has not been found possible to keep an up-to-date record of overcrowding, but all serious cases are noted.

In view of the acute housing shortage at the present moment, little action can be taken to remedy any but the most serious cases.

## FOOD INSPECTION

The present serious food situation has necessitated a strict supervision of all foodstuffs, particularly at the Ministry of Food Slaughtering Centre, where a detailed examination of all carcasses is made. This has meant the inspection of 11,038 carcasses, 110 of which were found to be totally unfit for human consumption, a percentage of .99 of all carcasses examined. 6,400 lbs. of general foodstuffs were found to be unfit, comprising the articles listed below. The amount of these foodstuffs condemned appears high compared to peace-time standards. This does not necessarily mean that the standard of these articles is lower than normal, because the high figure is due primarily to the retailers' need for certificates to enable them to secure the replacement of rationed and points goods.

Visits to Slaughterhouses, Shops and Markets .. ..	3,351
Slaughterhouses, 1,482.      Shops and Markets, 1,869	

There are three slaughterhouses being used by the Ministry of Food as the slaughtering centre. The remainder of the slaughterhouses in the Borough are closed for the time being.

### Carcases Examined

Number of carcasses examined .. .. .	11,038
Beast .. .. .	2335
Sheep .. .. .	7683
Calves .. .. .	730
Pigs .. .. .	290

### Whole Carcasses with Viscera and offal found to be unfit and confiscated (sent for Salvage) :—

Beast .. .. .	68
Sheep .. .. .	25
Calves .. .. .	13
Pigs .. .. .	5

### Reasons for Confiscation

Moribund Animal .. .. .	8
Parasites and Emaciation .. .. .	1
Generalised Tuberculosis .. .. .	39
Tuberculosis with Emaciation .. .. .	9
General Congestion and Dropsy .. .. .	4
Johne's Disease with Emaciation .. .. .	15
General Congestion and Pneumonia .. .. .	1
Dropsy and Emaciation .. .. .	14
Septicaemia .. .. .	2
Rickets and Malnutrition .. .. .	1
Septic Pericarditis .. .. .	2
Pyæmia and Emaciation .. .. .	2
Extensive Bruising .. .. .	3
Immature .. .. .	1
Acute Swine Erysipelas .. .. .	3
General Melanosis .. .. .	1
Jaundice .. .. .	1



Whole Carcases sent for Salvage—cont.

Fevered	..	..	..	..	..	1
Putrefaction	..	..	..	..	..	1
Inflammation	..	..	..	..	..	1
Multiple Abscesses		..	..	..	..	1

Viscera and Offal Destroyed

Beasts

Lungs	..	..	208	Livers	..	300
Spleens	..	..	98	Mesenteries	..	169
Kidneys	..	..	148	Stomachs	..	620
Heads and Tongues	..	..	159	Udders	..	206
Hearts	..	..	97	Thick Skirts	..	110

Sheep

Heads and Plucks	..	34	Plucks	..	7
Livers	..	10	Lungs	..	6
Heads	..	3	Mesenteries	..	14
Stomachs	..	31	Kidneys	..	4
Whole Viscera..	..	18			

Calves

Lungs	..	5	Livers	..	5
Mesenteries	..	5	Kidneys	..	5
Spleens	..	5	Hearts	..	5
Heads and Tongues	..	5	Stomachs	..	20

Pigs

Plucks	..	16	Stomachs	..	88
Mesenteries	..	92	Heads	..	33
Whole Viscera..	..	14	Lungs	..	11
Intestines	..	13			

Total weight of Meat confiscated :—

			Tons	Cwts.	Qrs.	Lbs.	
1945	..	..	20	6	2	22	45,550 lbs.
1944	..	..	19	17	2	22	44,542 lbs.

General Food Destroyed (most of this was sent for Salvage) :—

Tons	Cwts.	Qrs.	Lbs.	
2	17	—	16	= 6,400 lbs.

## General Food Destroyed (most of this was sent for Salvage)

Canned Foods	..	..	..	..	2215 tins
Fish (wet)	..	..	..	..	432 lbs.
Bacon	..	..	..	..	46 lbs.
Pickles and Meat Paste	..	..	..	..	28 jars
Cheese	..	..	..	..	41 $\frac{1}{4}$ lbs.
Pastry	..	..	..	..	32 lbs.
Potted Meat	..	..	..	..	9 lbs.
Confectionery and Sweets	..	..	..	..	8 $\frac{1}{2}$ lbs.
Jam and Marmalade	..	..	..	..	18 lbs.
Lard	..	..	..	..	3 $\frac{1}{2}$ lbs.
Butter	..	..	..	..	25 lbs.
Dried Fruit	..	..	..	..	1911 lbs.
Cereals	..	..	..	..	183 lbs.
Margarine	..	..	..	..	31 lbs.
Sugar	..	..	..	..	31 lbs.
Sausages	..	..	..	..	80 lbs.
Tea	..	..	..	..	15 lbs.
Pork Cracklings	..	..	..	..	24 $\frac{1}{2}$ lbs.
Sausage Meal	..	..	..	..	112 lbs.
Salt	..	..	..	..	3 lbs.
Eggs	..	..	..	..	84 lbs.
Flour	..	..	..	..	375 lbs.
Poultry	..	..	..	..	8 lbs.

## Milk (Special Designations) Order :—

47 samples of milk were taken under the above order and submitted to the Analyst for examination. The results of such examinations are shown below.

<i>Designation</i>	<i>Samples Taken</i>	<i>Samples Reported</i>	
		<i>Satisfactory</i>	<i>Unsatisfactory</i>
Accredited	26	23	3
Pasteurised ..	12	12	—
T.T. Pasteurised	9	9	—

Following-up samples were taken of the 3 unsatisfactory samples of accredited milk one of which again proved unsatisfactory. Notification was sent to Nottinghamshire C.C., they being the licensing authority for the district in which the milk was produced.

## FOOD AND DRUGS ACT, 1938

Sampling under the above act is carried out by the Nottinghamshire County Council. The following information has been supplied by Mr. E. Templeman (Chief Inspector).

Report of the Public Analyst appointed for the County of Nottingham upon articles analysed by him, and of those examined by the inspectors, taken in the Newark Borough, during the year ending 31st December, 1945.

<i>Articles</i>	<i>No. of Samples</i>	<i>Result</i>
Aspirin Tablets	1	Genuine
Butter	3	„
Baked Beans	1	„
Baking Powder	1	„
Cocoa	1	„
Coffee	1	„
Cheese	1	„
Camphorated Oil	1	„
Eggs (Dried)	1	„
Epsom Salts	1	„
Fish Paste	1	„
Golden Syrup	1	„
Lard	3	„
Liquid Paraffin	2	„
Lobster Paste	1	„
Milk (Evaporated)	1	„
Mixed Veg. Soup	1	„
Margarine	2	„
Milk (Formal)	33	Satisfactory
Pearl Barley	1	Genuine
Saccharin Tablets	3	„
Sweet Nitre	1	„
Stewed Steak	1	„
Tea	2	„
Tincture of Rhubarb	3	„
Veal and Ham Paste	1	„
Chopped Ham	1	„

Samples taken under the Milk (Special Designations) Order, 1936 - 38, and examined by the County Bacteriologist.

	<i>No. of Samples taken</i>	<i>Complied</i>	<i>Failed to Comply</i>
Tuberculin Tested ..	13	7	6
Accredited .. ..	9	3	6
	—	—	—
	22	10	12
	==	==	==

Informal samples of milk tested by the Inspectors by “Gerber” Tester :

No. taken .. 68      Correct .. 68      Incorrect.. —

### Water Analysis

Samples were taken for Chemical Analysis and Bacteriological Examination.

Public Supply :—    Samples taken, 4      ..      All satisfactory

# Report as to the administration of the Public Health Act 1936 (Sections 249 - 258) in respect of Canal Boats for the year 1945

Arrangements made for the inspection of Boats, and name and address and remuneration of the Inspector :—

The boats are examined at the various wharves within the Council's area.

Inspections carried out by the Sanitary Inspector, Public Health Department, The Friary, Newark, whose duties includes those of Canal Boats Inspector.

Number of Inspections of Canal Boats made. Condition of Boats and occupants, as regards the matters dealt with in the Acts and Regulations.. 6

Any infringement of the Acts and Regulations with respect to :—

Registration	..	..	..	..	..	..	..	Nil
Notification of Change of Master	..	..	..	..	..	..	..	Nil
Certificates	..	..	..	..	..	..	..	Nil
Marking	..	..	..	..	..	..	..	Nil
Overcrowding	..	..	..	..	..	..	..	Nil
Separation of Sexes	..	..	..	..	..	..	..	Nil
Cleanliness	..	..	..	..	..	..	..	Nil
Ventilation	..	..	..	..	..	..	..	Nil
Painting	..	..	..	..	..	..	..	Nil
Provision of Water Cask	..	..	..	..	..	..	..	Nil
Removal of Bilge Water	..	..	..	..	..	..	..	Nil
Notification of Infectious Disease	..	..	..	..	..	..	..	Nil
Admittance of Inspector	..	..	..	..	..	..	..	Nil
Insufficiency of Light in Cabins	..	..	..	..	..	..	..	Nil
Cleanliness of Water Cask	..	..	..	..	..	..	..	Nil
Offensive cargoes carried, double bulkheads not fitted	..	..	..	..	..	..	..	Nil

Legal proceedings taken in respect of any such infringements, and penalties inflicted .. .. Nil

Any other steps taken to secure compliance with the Acts and Regulations as regard such infringements :—

Intimation Notices served .. .. Nil

Cases of Infectious Disease dealt with, and measures of Isolation adopted .. .. Nil

Detention of Boats for cleansing and disinfection .. .. Nil

Newark Borough Council is not a Registration Authority.

J. CATLOW  
Chief Sanitary Inspector.



Public Health Department  
The Friary  
Appleton Gate  
NEWARK

*August, 1946*

*To the Chairman and Members of Southwell Rural District Council*

Sir, Ladies and Gentlemen,

I have the honour to present my Annual Report on the sanitary circumstances, health and vital statistics of Southwell Rural District for the year 1945.

Although the year brought the cessation of hostilities the Report is again an Ordinary Report compiled in accordance with the Ministry of Health Circular 28/46.

During the year an additional Sanitary Inspector was appointed to carry out the Rural Housing Survey, but no additional Inspector was appointed to assist in the general sanitary inspection of the District. So far the Council have been fortunate in avoiding an epidemic due to insufficient routine inspection. According to the Ministry of Health recommendation, the District should have four inspectors for efficiently undertaking routine inspections. At present there are two, one of whom is rapidly becoming an administrator of salvage and direct labour scavenging schemes. It is, in my opinion, essential that consideration should be given to increasing this staff.

The health of the District was satisfactory during 1945, and no serious epidemics were reported.

Diphtheria was notably striking by its almost complete absence. The results of immunisation are well worth the cost of running the scheme. In accordance with Ministry of Health Circular 193/45, the County Council from 1st January, 1946, became the responsible Authority for immunisation of children under 5 years of age, but in view of the satisfactory arrangements in force in the District no change was made, except on the financial side. I am grateful to the County Medical Officer for the help which has been given by County Health Visitors in propaganda and at immunisation centres.

I desire to record my thanks to the Members of the Council for their continued interest in Public Health, and to my colleagues and staff for their assistance.

I am,

Your obedient Servant

G. G. BUCHANAN

*October, 1946*

Establishment was increased to :-

1 Senior Inspector

2 Inspectors

1 Inspector, additional for Housing Survey



# Rural District Council of Southwell

*Chairman*—Mr. ALEXANDER STRAW, J.P.

*Vice-Chairman*—Mr. AARON JENKINS

## *Members—*

Mr. J. C. TURNER	Mr. W. H. MOORE
Mr. H. BARTON	Mr. A. H. GALBRAITH
Mr. A. JENKINS	Rev. H. C. D. BUTLER
Mr. J. W. HUNT, J.P.	Mr. W. V. SHEPPARD
Mr. F. G. RADFORD	Mr. A. CARNILL
Mr. W. SHEPHERD	Mr. A. S. RICKETT
Mr. A. JENKINS	Mr. G. RANYARD
Mr. S. J. M. HOLE	Mr. C. SHAW
Mr. G. GREGORY	Mr. W. H. HENTON
Rev. A. E. DAWE	Mr. J. T. P. FOSTER
Mr. R. PALING	Mr. H. B. WATSON
Mr. H. WILLETT	Mr. H. DOBBS
Mr. E. G. GOZZARD	Mr. A. E. SINGLETON
Mr. F. J. GALE	Mr. H. D. ARGLES, J.P.
Mr. ALEX. STRAW, J.P.	Mr. R. A. CRAVEN-SMITH-MILNES, J.P.
Mr. R. WRIGHT	Mrs. E. M. CAUDWELL
Mr. E. FRANCKLIN, J.P.	Mr. R. H. BEAUMONT
Mr. B. G. SELBY	Mr. H. A. J. MERRYWEATHER
Mr. W. P. DAY, J.P.	Mrs. V. M. BRYAN
Mr. W. SCOTT	Mr. J. W. PRICE
Mr. H. BURNE	Mr. H. J. TRUEMAN
Mr. W. BRETT	Mr. J. G. WARD
Mr. J. M. SCOTT	Mr. W. BENNETT
Mr. E. W. VESSEY	VISCOUNTESS MASSEREENE &
Mr. S. GARNER	FERRARD, J.P.
Mr. J. TUXFORD	Mr. R. MORRIS
Mr. J. ESAM	Rev. D. H. N. ALLENBY
Mr. J. THORNTON	Mr. L. BURCHELL
Mr. R. L. CARTER	Miss F. BARLOW-MASSICKS
	Mr. R. G. UNDERWOOD

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## *Medical Officer of Health*

G. G. BUCHANAN, M.B., Ch.B., D.P.H., Public Health Department  
The Friary, Appletongate, Newark

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## *Sanitary Inspectors—*

A. C. SMEDLEY, A.R.S.I., Cert, R.S.I., Edwinstowe, Mansfield  
B. D. HALL, A.R.S.I., Council Offices, 8 Westgate, Southwell

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## *Surveyor—*

S. COOPER, A.M.I.S.E., Council Offices, 8, Westgate, Southwell

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## *Clerk to the Council—*

JOHN ELLIS, Council Offices, 8 Westgate, Southwell

## RURAL DISTRICT OF SOUTHWELL

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### STATISTICAL SUMMARY FOR 1945

Area of District	..	..	..	..	..	118,791 acres
Population	..	..	..	..	..	36,080
Number of inhabited houses at the end of 1945	..					10,219
Rateable Value	..	..	..	..	..	£214,022
Sum represented by penny rate	..	..	..			£845
Birth rate per 1,000 population	..	..	..			19.0 (16.1)
Death rate per 1,000 population	..	..	..			9.3 (11.4)
Infantile Mortality per 1,000 births		..	..			33.5 (46)

## Vital Statistics of the Year 1945

BIRTHS					Total	Males	Female
Live Births	686	Legitimate	..		631	315	316
		Illegitimate	..		55	35	20
Birth Rate per 1,000 estimated population						(19.0)	(16.1)
Still Births	20	Legitimate	..		18	11	7
		Illegitimate	..		2	1	1
Birth Rate per 1,000 total (live and still) births,					28.3		
DEATHS					336	166	170
Death Rate per 1,000 estimated average population,					9.3	(11.4)	

Number of Women dying in, or in consequence of Childbirth :—

From Puerperal Sepsis	Nil.	}	Total 2
From other puerperal causes	2		
Rate per 1,000 total (live and still) births			2.8

Death of Infants under 1 year of age :— 23

All infants per 1,000 births	..	..	..	..	..	33.5 (46)
Legitimate infants per 1,000 legitimate live births	..	..	..	..	..	33.2
Illegitimate infants per 1,000 illegitimate live births	..	..	..	..	..	36.3
Deaths from Whooping Cough (all ages)	..	..	..	..	..	1
Deaths from Diarrhoea (under 2 years of age)	..	..	..	..	..	1
Deaths from Diphtheria	..	..	..	..	..	Nil.

Chief causes of death—

Diseases of Heart	..	..	..	..	..	..	101
Cancer	..	..	..	..	..	..	61
Intra Cranial Vascular Disease	..	..	..	..	..	..	33
Disease of Respiration	..	..	..	..	..	..	26
Tuberculosis (Pulmonary)	..	..	..	..	..	..	12
Tuberculosis (Non-Pulmonary)	..	..	..	..	..	..	4
C.S.F.	..	..	..	..	..	..	1

(Note.—Figures given in brackets are corresponding figures for England and Wales).

# GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA

## Treatment Centres and Clinics

The Treatment Centres and Clinics in the District are maintained by the County Council. These are set out below :—

### School Clinics

Bilsthorpe, Village Hall

Tuesdays 9.30 a.m. to 12 noon	Medical Officer attends
Fridays 2.0 p.m. to 4 p.m.	Tuesdays.

Clipstone, Church Hut

Tuesdays 9.30 a.m. to 12 noon	Medical Officer attends
Fridays 9.30 a.m. to 12 noon	Fridays

Ollerton, Methodist Chapel

Tuesdays 9.30 a.m. to 12 noon	Medical Officer attends
Fridays 2.0 p.m. to 4 p.m.	Fridays

Southwell, 45, King Street

Thurs. 9.30 a.m. to 12 noon	Medical Officer attends
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### Dental Clinics

Blidworth, Methodist Hall

1, 3rd and 5th Thursdays in	9.30 to 12 noon
each calendar month ..	2.0 p.m. to 4.30 p.m.

Bilsthorpe, Village Hall

2nd and 4th Wednesday in	2.0 p.m. to 4.30 p.m.
each calendar month ..	

Clipstone, Church Hut

1st, 3rd and 5th Wednesday	2.0 p.m. to 4.30 p.m.
in each calendar month ..	

Ollerton, Methodist Hall

2nd and 4th Thursday in each	2.0 p.m. to 4.30 p.m.
calendar month .. ..	

Southwell, 45, King Street

1st, 3rd and 5th Tuesday in	9.30 a.m. to 12 noon
each calendar month ..	2.0 p.m. to 4.30 p.m.

Edwinstowe, Church Hall

2nd and 4th Thursdays in each	9.30 a.m. to 12 noon
calendar month	



## Ante-Natal Clinics and Child Welfare Centres.

Bilsthorpe	.. Village Hall	.. A.N. Monthly	.. Friday a.m.
		C.W. Weekly	.. Thursday a.m.
Blidworth	.. Methodist School	A.N. Fortnightly	Monday a.m.
		C.W. Weekly	.. Monday p.m.
		P.N. Monthly	Monday a.m.
Clipstone	.. Church Hut	.. A.N. Fortnightly	Thursday a.m.
		C.W. Weekly	.. Friday p.m.
Edwinstowe	.. Church Institute	A.N. Monthly	.. Friday a.m.
		C.W. Weekly	.. Thurs. a.m. & p.m.
Lowdham	.. The Institute	.. A.N. Monthly	.. Friday a.m.
		C.W. Weekly	.. Tuesday a.m. & p.m.
North Muskham	Methodist	A.N. Monthly	.. Wed. p.m.
	Schoolroom	.. C.W. Fortnightly	Wed. p.m.
Ollerton	.. Methodist Chapel	A.N. Fortnightly	Wed. a.m.
	New Ollerton	.. C.W. Weekly	.. Tues. p.m. & Wed. p.m.
		P.N. Monthly	.. Monday a.m.
Rainworth	.. Methodist chapel	A.N. Monthly	.. Wed. a.m.
		C.W. Fortnightly	Tuesday p.m.
Southwell	.. 45, King Street.	A.N. Monthly	.. Friday p.m.
		C.W. Weekly	.. Thurs. p.m.
Sutton-on-Trent	Cricket Pavilion	A.N. Monthly	.. Friday p.m.
		C.W. Fortnightly	Tuesday p.m.
Tuxford	.. Old Grammar	A.N. Monthly	.. Friday a.m.
	School	.. C.W. Weekly	.. Monday p.m.

TIMES OF SESSIONS — a.m. 9.30 to 12 noon  
p.m. 2.0 to 4.30

## **Ambulance Service**

The Council does not maintain ambulances. For sick and accident cases transport is carried out by the service of St. John's Ambulance Brigade, by Colliery Ambulances, and ambulances run in connection with collieries by voluntary agencies.

Newark police ambulance area extends over a large part of the District and Mansfield Borough, and Carlton Urban District, also operate in those parts adjacent.

There is an adequate service and co-operation between the various agencies is improved.

Cases of infectious disease are removed to hospital by an ambulance maintained by the South Notts. Joint Hospital Board. In the event of this ambulance not being available, use is made of Newark Borough Ambulance.

## **Infectious Diseases**

### **Scarlet Fever**

During 1945, the number of cases of scarlet fever was again high, 114 compared with 125 in the previous year. The distribution was such that no Parish had epidemic proportions but cases were scattered with generally no traceable connection. The type of case occurring was mild, and doubtless many children continued at school or returned to school after a sore throat without a diagnosis of scarlet fever being made and the doctor not being called in.

The age group most affected was aged 5 to 10 years, and of the 114 cases 70 occurred in children of school age.

### **Diphtheria**

The number of cases of diphtheria was once more a new low record, only 3 cases being notified. One was a child aged 3 years, and the others were in age group 15 to 20. None of the cases had been immunised. The child who unfortunately died had only been in the district a few days coming in from an area where a number of cases of diphtheria, of severe type, were being notified at the time.

Immunisation continued throughout the year and the necessary injections were given to 535 children under 5 years of age, and to 90 children over 5 years old. The estimated percentage of children between 1 and 15 considered to be immunised, is 80% both of pre-school and school age.

As in previous years very valuable help in connection with immunisation has been given by the County Medical Officer and his Staff.

### **Measles.**

This disease was again prevalent throughout the District, 402 cases being notified. The parish of Blidworth was most heavily affected at any time, 92 cases being notified during March.



## Infestation

The number of cases of Scabies reported during the year was 64. This shows a reduction on previous years. All cases were visited at home by the Medical Officer of Health, and treatment for the whole family instituted. Benzyl Benzoate was supplied free of cost.

Infestation by lice was combated by Lethane Hair Oil, close co-operation between the County School Medical Service Staff and that of the District continued. In a few instances owing to bad home conditions cases were reported by County Health Visitors and these were visited by the Medical Officer of Health to ensure other members of the household being treated.

## Housing

Although housing repairs continued to be difficult to arrange every effort was made throughoul the year to obtain at least the minimum necessary for keeping houses weatherproof. Reference to the reports of the Sanitary Inspectors will show that they have maintained as far as possible, supervision over housing conditions.

The Rural Housing Survey was commenced in the latter part of the year and up to the 31st December, 1945, a total of 482 houses had been surveyed. The classification of these was :—

Category	1	(Fit in all respects)	..	..	93
„	2	(Minor defects)	..	..	28
„	3	(Requiring repairs, alterations or improvement)	..	..	226
„	4	(Suitable for reconditioning under Housing Rural Workers' Acts)	..	..	11
„	5	(Unfit for habitation and beyond repair at reasonable cost)	..	..	124
Total					482

Unfortunately the fact that repairs and ordinary maintenance are difficult will almost certainly result in deterioration, and before material and labour become available a further increase in the number of houses in Category 5 is likely. Comments on the result of the survey are being withheld until such time as a larger number, and a more representative section of houses, have been surveyed.

## Water Supply

The water supply was satisfactory both in quantity and in quality. Routine bacteriological and chemical examinations were carried out.

<i>No. of Samples Taken</i>	<i>No. Satisfactory</i>	<i>No. Unsatis- factory (bacteri- ologically)</i>
18	17	1

The satisfactory samples were reported by the Analyst to be bacteriologically and chemically safe for domestic and dairy use.

Two follow-up samples were taken from the source of the unsatisfactory sample and were found to be satisfactory. The contamination was presumably not in the water supply.

The water from the public supplies are not liable to have plumbo solvent action. All the supplies are subjected to chlorination.



# INFECTIOUS DISEASES

Analysis of Notified Cases during the year 1945, according to Age Groups

DISEASE	AGE GROUPS										
	Under 1 year	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 35	35 to 45	45 to 65
Cerebro Spinal Fever ..	—	1	—	—	—	—	—	—	—	—	—
Scarlet Fever ..	—	3	2	8	5	49	21	8	14	2	2
Diphtheria ..	—	—	—	1	—	—	—	2	—	—	—
Enteric Fever (including Paratyphoid)	—	—	—	—	—	—	—	—	—	—	—
Puerperal Pyrexia ..	—	—	—	—	—	—	—	—	3	2	—
Pneumonia ..	1	1	—	1	—	3	1	3	3	9	7
Anterior Poliomyelitis ..	—	—	—	—	—	—	—	1	—	—	—
Erysipelas ..	—	—	—	—	—	—	—	—	—	2	—

# Infectious Disease, 1936-1945

Year	Diphtheria including Membranous Croup	Erysipelas	Scarlet Fever	Enteric Fever	Puerperal Pyrexia	Pulmonary Tuberculosis	Other forms of Tuberculosis	Cerebro-Spinal Fever	Ophthalmia Neonatorum	Measles	Pneumonia	Whooping Cough	Polio-myelitis	Total
1936	5	5	93		4	30	5		1		23			166
1937	17	14	137		9	20	10	1	4		41			253
1938	50	14	86		10	22	8		3		39			232
1939	30	6	140	3	9						33			221
1940	13	11	98		3	26	5	9	5	562	28	12		772
1941	22	6	42	4	5	24	8	1	2	373	46	149		682
1942	8	5	57		5	21	11		6	209	38	30		390
1943	7	8	57		6	20	5		4	344	60	223		734
1944	6	3	125		3	29	5	2		71	39	59		342
1945	3	2	114		5	20	4	1		402	32	110	1	694

# TUBERCULOSIS

## New Cases and Mortality during 1945

Age Periods	New Cases				Deaths			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	M.	F.	M.	F.	M.	F.	M.	F.
0	—	—	—	—	—	—	—	—
1	—	—	—	—	—	—	1	—
5	1	—	1	1	—	—	—	—
10	—	—	1	1	—	—	—	—
15	3	3	—	—	—	—	—	—
20	1	8	—	—	—	1	—	—
25	1	—	—	—	1	1	—	—
35	2	—	—	—	—	—	—	—
45	—	—	—	—	1	—	—	—
55	1	—	—	—	—	—	—	—
65 & Upwards	—	—	—	—	—	—	—	—
Totals	9	11	2	2	2	2	1	—

(1) Non-notified deaths:—Pulmonary Tuberculosis, 1  
Non-Pulmonary Tuberculosis, 3

(2) There is no evidence of excessive mortality from Tuberculosis in any particular occupation in this area.

**Public Health (Prevention of Tuberculosis) Regulations, 1925.**

No action has been necessary under these Regulations.

**Public Health Act, 1936. Section 172.**

No action has been necessary under the above heading.



# ANNUAL REPORT OF SANITARY INSPECTORS FOR THE YEAR 1945

## NORTH DISTRICT

Number of Statutory Notices served	..	5
„ „ „ complied with	.. ..	3
„ „ „ in hand ..	.. ..	2
„ Informal notices served	.. ..	27
„ „ „ complied with	.. ..	25
„ „ „ in hand ..	.. ..	2
Letters sent out .. ..	.. ..	217

### Inspections carried out.

Houses inspected re defective conditions..	.. ..	61
Houses visited re Infectious Diseases	.. ..	63
Houses visited re overcrowding	.. ..	3
Houses visited re dirty conditions	.. ..	2
Premises visited re Nuisances ..	.. ..	27
Nuisances abated .. ..	.. ..	27
Water supplies .. ..	.. ..	6
Vans .. ..	.. ..	8
Visits to refuse tips (controlled)	.. ..	147
Slaughterhouses .. ..	.. ..	8
Meat Shops .. ..	.. ..	17
Bakehouses .. ..	.. ..	25
Workshops and Factories	.. ..	12
Petroleum Stores .. ..	.. ..	27
Cowsheds and Dairies	.. ..	146
Drainage Schemes .. ..	.. ..	15
Fish Shops .. ..	.. ..	12
Shops and Stores .. ..	.. ..	8

### Bakehouses.

There are 10 Bakehouses in this area which have been inspected  
All were found to have been kept clean and limewashed.

**Factories and Workshops**

Inspections—12	Written Notices—3	Occupiers prosecuted —Nil.
Defects found—3	Remedied—3	Referred to H.M. Ins- pector—Nil.

**Water Supplies**

All the Parishes in this area are provided with a good piped water supply. During the year 11 samples of water were taken from the public supplies in this area, and sent for analysis. All samples were stated to be of satisfactory chemical and bacteriological quality for human consumption and domestic use.

Five samples of water were taken from private well supplies, and sent for analysis ; all of these proved unsatisfactory and the Owners were asked to provide piped supplies. Three were provided, and the other two are being dealt with.

25 houses have been connected to the Council’s water mains during the year.

**Slaughterhouses.** There are 14 private slaughterhouses in this area, but owing to the Meat Rationing Scheme they are seldom used, except for occasional slaughtering of casualties, or private pig keepers’ pigs.

They have been inspected by me and found to have been kept clean.

**Slaughter of Animals Act, 1933**

Number of Licences issued during the year	..	..	3
Number of Licences held at the end of the year	..	..	25
Renewal of Game Licence..	..	..	1

**Diseased and Unsound Food**

The following diseased and unsound food has been surrendered during the year.

Tinned Ham	..	..	18 lbs 2 ozs.	Herrings	..	196 lbs.
Pork Luncheon Meat..	8½ lbs.			Moonraker Milk	1 tin	
Pork Sausage meat	..	6 lbs.		Cheese	..	119½ lbs.
“ Spork ” Lunch Meat	3 lbs.			National Butter	29 lbs.	
Tinned Pork & Beans	30 lbs.					

**Cowsheds and Dairies**

Number of persons registered during the year	..	6
Registered as producers	.. ..	228
Registered as producers and retailers	.. ..	71
Approximate number of cowsheds	.. ..	345
New cowsheds constructed	.. ..	1
New cooling sheds	.. ..	3
New drainage to cowsheds	.. ..	3

Two samples of Pasteurised milk were taken and sent for analysis, both were satisfactory.

Notices to limewash cowsheds (Complied)	.. ..	12
Notices to empty crew-yards (Complied)	.. ..	6

Reconstruction of old cowsheds with new floors, channels, feeding troughs, partitions, ventilation and drainage, has been carried out at five farms.

**Petroleum Stores**

All the stores are underground and in good condition		
Number of Licences issued for storage during the year	..	44
Number of new Licences issued during the year	..	3

**Calcium Carbide**

Number of Licences issued during the year	.. ..	1
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**Infectious Diseases**

Infectious Diseases have occurred in 63 houses during the year, and the infected rooms and contents have been disinfected by spraying with Formaldehyde, and fumigation by Formic Aldehyde Vapour.

**Scavenging**

The Council has bought the old sand pit at Walesby to use as a refuse tip for the Parishes of Walesby and Kirton, and a new gate and posts together with a notice board, have been provided at the entrance to the tipping ground, to keep it under the Council's control.

Public scavenging is done by the Council under contract in the Parish of Sutton-on-Trent, and the nightsoil is dealt with on farm land by the Contractor in a satisfactory manner ; also, in the Parishes of Edwinstowe, Clipstone, Boughton, Ollerton, Bilsthorpe, and part of Eakring where the colliery bungalows are situated, and Wellow.

Scavenging is also done by the Council under contract, in Old Eakring Parish, and tins, broken pots and glass etc., is taken to a tip under the Council's control.

The dust-bin refuse from these Parishes is collected weekly and taken to four tips provided by the Council, and dealt with under the controlled (Bradford) Tipping System, two men working under my control on three of the four tips, and the other maintained by the Contractor. The night soil is taken to farm land by the Contractors and dealt with in a satisfactory manner.



## Scavenging of Streets

Workmen are employed by the Council in clearing litter from the streets in the Parishes of Bilsthorpe, and part of Eakring where the bungalows are situated, one man two days each week, Ollerton and Boughton one man three days each week under my control

## Details of Housing Work, etc.

New floors, or floors repaired	..	..	..	9
New Baths	..	..	..	6
New Lavatory Basins	..	..	..	5
New sinks	..	..	..	7
New windows, or windows repaired		..	..	7
New drainage, or drainage repairs	..	..	..	6
Drains connected to sewers	..	..	..	1
New cesspools	..	..	..	2
New chimneys, or chimneys repaired		..	..	14
New roofs, or roofs repaired	..	..	..	16
Ceilings repaired	..	..	..	13
Spoutings repaired	..	..	..	14
New closet pans	..	..	..	11
New dust-bins	..	..	..	93
Pan closets repaired	..	..	..	10
New coppers	..	..	..	4
New fire-ranges or fire-ranges repaired		..	..	8
Water closets repaired	..	..	..	23
Choked drains relieved	..	..	..	13
Inside walls plastered	..	..	..	8
Dirty houses cleaned	..	..	..	2
Privies converted to water closets	..	..	..	1

## HOUSING

### 1. Inspection of Dwelling-houses during the year :—

1. (a)	Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	.. .. .	54
(b)	Number of inspections made for the purpose	..	61
2. (a)	Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 and 1932	.. .. .	12
(b)	Number of inspections made for the purpose	..	15
3.	Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	.. .. .	1
4.	Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	.. .. .	8

### 2. Remedy of Defects during the Year without Service of formal

#### Notices :—

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their Officers	.. .. .	16
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A. C. SMEDLEY,

Sanitary Inspector.

# ANNUAL REPORTS OF THE SANITARY INSPECTORS FOR THE YEAR 1945

## SOUTH DISTRICT

Number of Statutory Notices served .. .. .	4
Number of Statutory Notices complied with .. ..	4
Number of Informal Notices served .. .. .	28
Number of Informal Notices complied with .. ..	25
Number of Informal Notices in hand .. .. .	3
Number of letters sent out .. .. .	336

### Inspections carried out

Houses re Sanitary Defects .. .. .	67
Houses re Infectious Disease .. .. .	44
Houses re Overcrowding .. .. .	7
Houses re Dirty Conditions .. .. .	3
Houses re Building Licences .. .. .	34
Houses re Requisitioning .. .. .	39
Houses re Housing Survey .. .. .	482
Slaughterhouses .. .. .	13
Meat Shops .. .. .	20
Cowsheds .. .. .	108
Bakehouses .. .. .	14
Knackeryards .. .. .	7
Provision Shops .. .. .	18
Fish Shops .. .. .	3
Factories and Workshops .. .. .	17
Accumulations .. .. .	8
Water Supplies .. .. .	19
Vans, Tents and Sheds, etc. .. .. .	11
Choked Drains .. .. .	39
Drainage .. .. .	53
Petroleum Stores .. .. .	6
Dairies .. .. .	31
Schools .. .. .	11
Pasteurising Plants .. .. .	14
Rats .. .. .	62
Keeping of Animals .. .. .	9
Milk Sampling .. .. .	18
Food Inspection .. .. .	31
Refuse Collection .. .. .	107
Outfalls .. .. .	4



**Infectious Disease**

During the year the disinfection of 49 rooms and their contents was carried out. Premises are disinfected by spraying with Formaldehyde and fumigation with Formic Aldehyde Vapour.

**Bakehouses**

Number of Retail Bakehouses on Register .. ..	10
Number of Informal Notices sent to limewash ..	3
Number of Informal Notices to limewash complied with ..	3
Bakehouses discontinued during the year .. ..	1

**Factories and Workshops**

	<i>Inspections</i>	<i>Informal Notices</i>	<i>Occupier Prosecuted</i>
Factories ..	8	2	Nil
Workshops ..	4	3	Nil
Workplaces ..	5	—	Nil
	—	—	
	17	5	
	==	==	

<i>Defects</i>	<i>Found</i>	<i>Remedied</i>	<i>Referred to H.M. Inspector</i>
Cleanliness ..	3	2	Nil
Defective Closet ..	2	2	Nil

**Cowsheds and Dairies**

Number of persons registered during the year ..	3
Number of Premises registered during the year ..	2
Number of persons on the Register as Producers ..	164
Number of persons on the Register as Producers and Retailers .. .. .	78
Number of persons on the register as retailers ..	7
Approximate number of sheds .. ..	322
Number of new cowsheds constructed .. ..	2
Number of cowsheds improved during the year ..	6
Number of new dairies constructed .. ..	4
Water supply improved .. ..	10
Number of Informal Notices re limewashing ..	12
Number of Informal Notices re cleanliness of utensils ..	16
Number of Informal Notices re infringement of Milk and Dairies Order 1926 .. ..	11
Number of Informal Notices re provision of Dairies ..	3

## Milk (Special Designations) Order, 1936

During the year the following licences were issued :—

Licences to Pasteurise milk .. ..	2
Supplementary licences to sell Pasteurised milk ..	4
Supplementary licences to sell Tuberculin Tested milk	4
Number of samples of Pasteurised milk taken ..	12
Number of samples of Pasteurised milk satisfactory ..	6
Number of samples of Pasteurised milk unsatisfactory ..	5
(Failed to pass Methylene Blue Test)	
Number of samples of Pasteurised milk unsatisfactory..	1
(Bacillus Coli)	

Cautions were issued in the cases of unsatisfactory samples, and advisory visits paid to the premises.

## Food and Drugs Act, 1938

Sampling under the above Act is carried out by the Nottinghamshire County Council. The following information has kindly been supplied by E. Templeman Esq., (Chief Inspector) :—

Report of the Public Analyst appointed for the County of Nottingham upon articles analysed by him, and of those examined by the Inspectors, taken in Southwell Rural District during the year ended 31st December 1945.

<i>Articles</i>	<i>Number of Samples</i>	<i>Result</i>
Aspirin Tablets	1	Genuine
Beans and Tomato Sauce	1	„
Beverage — Lemon flavoured	1	„
Beef Cubes	1	„
Beef Fluid, Extract of	1	„
Bismuth Tablets	1	„
Bicarbonate of Soda	1	„
Butter	2	„
Camphorated Oil	1	„
Cheese	1	„
Coffee	1	„
Coffee and Chicory	1	„
Egg Substitute Powder	1	„
Gingerina Tonic	1	„
Ginger Cordial	1	„
Glycerine	3	„
Health Salts	1	„
Jam	1	„
Lard	2	„
Lemon Curd	1	„
Mincemeat	1	„

Margarine  
Milk

3  
53 Correct 49  
Incorrect 4 as  
follows :—

In case No. 1 the Cowman was  
fined £2, and case No. 3 a fine of £5  
plus £3. 3s. 0d. costs was im-  
posed.

1. 8.3% added water  
2. 4.4% „  
3. 2.3% „  
4. 3.0% „

<i>Articles</i>	<i>Number of Samples</i>	<i>Result</i>
Meat, Soup	1	Genuine
Meat, tinned	1	„
Paste, Fish	1	„
Paste, Meat	2	„
Pepper, Black	1	„
Saccharin Tablets	1	„
Salad Vinegar (Non-brewed)	1	„
Sauce	1	„
Sulphur Tablets	1	„
Sweetening Tablets	1	„
Sweets	1	„
Tincture of Rhubarb	1	„
Milk (Bulk) samples	2	

Samples taken under the (Milk (Special Designations) Orders  
1936 - 38, and examined by the County Bacteriologist :—

	<i>Number of Samples</i>	<i>Complied</i>	<i>Failed to Comply</i>
Tuberculin Tested ..	123	97	26
Accredited ..	260	212	48
	<u>383</u>	<u>309</u>	<u>74</u>

Informal samples of milk tested by Inspectors by “Gerber”  
Tester :—

	<i>Number of Samples</i>	<i>Correct</i>	<i>Incorrect</i>
Number of Samples taken by the Inspec- tors .. .. .	343	333	10

Examined by the County Bacteriologist under the Heat Treated  
Milks (Prescribed) Tests Order 1944 :—

	<i>No. of Samples taken</i>	<i>Complied</i>	<i>Failed to Comply</i>
Pasteurised .. ..	59	55	4
T.T. Pasteurised ..	13	11	2
Sterilised .. ..	12	12	—
Heat Treated ..	7	7	—
	<u>91</u>	<u>85</u>	<u>6</u>



## Slaughterhouses

There are 17 privately owned slaughterhouses in the district, but owing to the Meat Rationing System, these are seldom used, except for occasional slaughtering of casualties or cottagers' pigs. No bye-laws for governing slaughterhouses are in operation.

## Diseased and Unsound Food

The following diseased and unsound food has been surrendered during the year :—

Pilchards	..	..	9 tins	Rolled Oats	..	7 lbs.
Milk	..	..	48 tins	Tea	..	45 $\frac{3}{4}$ lbs.
Beans	..	..	4 tins	Pressed Tongue	..	1 $\frac{1}{2}$ lbs.
Peas	..	..	1 tin	Sugar	..	70 lbs.
Minced Beef Loaf	..	..	2 tins	Butter	..	14 $\frac{3}{4}$ lbs.
Luncheon Meat	..	..	1 tin	Salmon	..	183 tins
Herrings	..	..	24 tins	Table Dessert	..	33 tins
Sauce	..	..	33 bts.	Dessert Moulds	..	3 pkts.
Raisins	..	..	28 lbs.			

## Knackeryards

There are two licensed knackeryards in the District ; these have been kept in a satisfactory condition during the year.

## Slaughter of Animals Act

Number of new Licences issued during the year	..	..	6
Number of Licences held at the end of the year	..	..	35

## Petroleum Stores

All the stores have been kept in a satisfactory condition, and the majority of the spirit is stored underground.

Number of Licences issued for storage during the year	..	85
---	----	----

Number of new Licences issued during the year	..	3
---	----	---

## Hydrogen Cyanide (Fumigation of Buildings) Regulations, 1938

One lot of Buildings was treated with Hydrogen Cyanide during the year, and the necessary conditions were observed by the fumigators.

## Cleansing Work

Refuse is collected in the following Parishes :—

*Blidworth	Hoveringham	Oxton
Epperstone	Lowdham	*Southwell
Farnsfield		

Tins are collected monthly in the following Parishes :—

*Averham	Bleasby	Bulcote
*Caunton	Caythorpe	*Edingley
*Fiskerton	Gonalston	Gunthorpe
*Halam	Halloughton	*Hockerton
*Kelham	*Kirklington	*Maplebeck
*Muskham (North)	*Muskham (South)	*Winkburn
*Staythorpe	*Upton	*Thurgarton

In the Parishes marked \* the work is carried out by direct labour, in the other Parishes the work is done by contract.

Collections are made weekly for refuse, except at Hoveringham, this being a monthly collection. Tins are collected monthly.

The emptying of cesspools is undertaken in the Parish of Blidworth, and great difficulty is experienced in dealing with same; a sewerage scheme in the portion of Blidworth is badly needed.

The Council owns tips at Blidworth and Southwell. Tips are loaned to the Council at Rufford, Kelham and Oxtun.

The cost of collection and disposal in the Parishes of Blidworth and Southwell is as follows :—

		<i>Approximate No. of Premises</i>	<i>Approximate Cost of Refuse Collection</i>
			£
Blidworth	..	1742	1333
Southwell..	..	996	1043

The following are details of the numbers of collections of refuse etc., made during the year :—

	<i>Ashbins</i>	<i>Ashpits</i>	<i>Pails</i>	<i>Cesspools</i>	<i>Loads</i>
Blidworth	81,748	114	2,797	280	1,114
Southwell	39,554	63	10,197	Nil	467

## Salvage

I give below details of the materials collected in the District during the year ended 31st December, 1945. There has been a falling off in the collections, and this appears to be due to the poor response given by the general public after the cessation of hostilities. Long journeys, resulting in small collections, account for the loss.

# SALVAGE

## Details of Materials Collected

Month	Paper	Ferrous Metals	Non-Ferrous Metals	Textile	Bones	Kitchen Waste	Rubber	£ s. d.
January .. .. .	T. 1 C. 0	— —	— —	T. 1 C. 6	T. — C. —	T. 2 C. 11	C. 5	21 9 8
February .. .. .	6 6	— —	— —	— 14	— 8	1 16	—	50 9 1
March .. .. .	6 10	— —	— —	— 19	— 10	1 —	—	59 8 8
April .. .. .	3 18	— —	1 —	— —	— —	2 7	—	32 15 7
May .. .. .	6 11	— —	— —	— 18	— 3	1 4	9	57 12 10
June .. .. .	7 14	— —	— —	1 1	— 4	1 8	—	61 16 6
July .. .. .	6 18	— —	— —	— 16	— 2	— 15	—	53 12 8
August .. .. .	3 17	— 10	2 —	— 17	— 4	— 13	—	34 2 0
September .. .. .	5 9	— 8	— —	— 12	— 4	— 8	—	36 16 2
October .. .. .	4 13	— 9	— —	— 7	— 4	— 16	—	33 10 0
November .. .. .	3 9	— —	— —	— —	— 4	— 18	—	23 10 0
December .. .. .	3 11	— —	5 —	— 7	— 4	— 18	—	36 0 0
	59 16	1 7	— 8	7 10	1 15	13 19	14	£501 3 2

Gross cost of collection of Salvage .. .. . £ s. d. 750 0 0

Sale of Materials .. .. . 501 0 0

Cost of tin collection .. .. . 168 0 0

NETT cost of collection of Salvage .. .. . £81 0 0



## HOUSING

### 1. Inspection of dwelling-houses during the year :—

(i)	Number inspected for housing defects (under Public Health or Housing Acts) .. .. .	67
	Number of inspections made for purpose ..	81
(ii)	Number of dwelling-houses inspected and recorded under Housing Consolidated Regulations ..	6
	Number of inspections made for the purpose ..	12
(iii)	Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation .. .. .	5

### 2. Remedy of Defects during the Year without service of Formal Notices

Number of dwelling-houses rendered fit as the result of informal action .. .. .	16
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### 3. Remedy of Defects by Formal Notice

Number of dwelling-houses in respect of which notices were served requiring defects to be remedied .. ..	1
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Number of dwelling-houses rendered fit after service of formal notice .. .. .	1
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(a) By Owners .. .. .	1
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(b) By Local Authority in default of Owner ..	—
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### 4. Overcrowding

It has not been possible, owing to war time conditions still persisting during the greater part of the year, to keep a check on overcrowding. Records of serious cases are kept, and are to be considered when the housing situation improves.

As a result of the Hobhouse Report on Rural Housing, a Joint County Committee was set up during the latter part of 1944. I represented my Council on the Technical Committee, and was also a member of the Technical Sub-Committee. Useful work was carried out by the latter in formulating a uniform standard of housing conditions to be applied to all Rural Districts in the County of Nottingham. One qualified Sanitary Inspector was engaged, and commenced his duties on 1st August, 1945, to carry out the survey under the Hobhouse Report.

## Water Supply

All the twenty-six Parishes in the South District are supplied with a good supply of piped water. The proportion of dwelling houses supplied from public water mains is 95%.

During the year, periodical samples of water were taken from the public supplies in the District, eighteen samples of treated water were taken. One sample of treated water was not satisfactory, two follow-up samples proved satisfactory.

All water is chlorinated from the public supplies, and none are liable to have plumbo-solvent action.

No main extensions were carried out during the year.

The number of houses connected to the Council's main supply during the year was 17.

### Rat Infestation

The following is a summary of the work carried out up to the end of the year :—

				<i>Premises treated</i>
Private premises	..	..	..	67
Business	..	..	..	22
Number of Rats killed	..	..	..	4572
Number of Mice killed	..	..	..	138

### Conclusion

Finally, may I offer my thanks for the assistance given during the year by other members of the various departments of the staff, and also members of the Council.

B. D. HALL

*Sanitary Inspector*

Public Health Department  
The Friary  
Appletongate  
NEWARK

*Aug. 1946*

*To the Chairman and Members of Newark Rural District Council*

Sir, Ladies and Gentlemen,

I have the honour to present my Annual Report on the sanitary circumstances, health and vital statistics of Newark Rural District for the year 1945.

The main item of interest was the planning of a scheme for a piped water supply to every Parish. Through various factors beyond the control of the Council, unfortunate delays have occurred and even at the time of writing the schemes are still not yet in a position for actual operations to commence. I would like here to draw the Council's attention again, to the necessity of considering sewage disposal schemes as a concomitant of the pipe water schemes. It is essential that disposal as well as supply be considered if pollution of dykes and water-courses is to be avoided.

The retirement of Mr. Oakden, for many years the Surveyor and Sanitary Inspector to the Council, took place in November. Mr. Oakden had given long and faithful service and in acknowledging the valuable assistance he gave me I wish him many years of happy retirement.

Mr. Earnshaw, his successor, took up duty in November.

I record my thanks to the Members of the Council and to Mr. Pearson the Clerk, for their continued interest in Public Health matters.

I, am,

Your obedient Servant,

G. G. BUCHANAN



# Newark Rural District Council

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*Chairman*—C. W. LANE, J.P.

Mr. G. A. SMITHSON

Mr. G. E. PENNINGTON

Mr. T. A. SPRAY

Mr. W. F. PLAYER

Rev. F. H. BURNSIDE

Mr. J. R. BOTTOMLEY

Mrs. T. L. C. CURTIS

Mr. A. WILSON

Mr. G. A. ROSS

Mr. G. A. FILLINGHAM

Miss E. D. BROWNE

Mr. T. D. MOSSCROP

Mr. R. H. HOWITT, J.P.

Mr. C. W. HOOD

Mr. H. H. BROWN

Mr. R. D. K. BRADLEY

Mr. H. LAMB

Mr. A. E. WILLOWS

Mr. T. BRADLEY

Col. R. A. G. STEWART

Rev. H. T. PRITCHARD

Mrs. F. K. BOOTHBY

Mr. W. L. BROWN

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*Medical Officer of Health*

G. G. BUCHANAN, M.B., Ch.B., D.P.H.

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*Sanitary Inspector*

R. OAKDEN, A.M.I.C.E., M.I.M. and Cy.E., Church Lane, Farndon  
(Retired 22nd November, 1945)

G. H. EARNSHAW, M.R.S.I., A.M.I.S.E., Cert. R.S.I. and S.I.J. Board  
Certified Meat Inspector (R.S.I.)

Sanitary Science Certificate of the Royal San. Inst.  
Certified Smoke Inspector (R.S.I.)

Certificate of the Institute of Sanitary Engineers  
(Commenced 14th Nov. 1945)

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*Clerk to the Council*—

H. G. PEARSON, 24, Lombard Street, Newark

# Newark Rural District Council

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## Statistical Summary for 1945

Area of District	..	..	..	..	..	40,000 acres
Population	..	..	..	..	..	9,928
Number of inhabited houses at the end of year 1945						3,037
Rateable value	..	..	..	..	..	£47,926
Sum represented by penny rate	..	..	..	..	..	£197 . 2 . 0
Birth rate per 1,000 population	..	..	..	..	..	19·7 (16·1)
Death rate per 1,000 population	..	..	..	..	..	10·2 (11·4)
Infant Mortality per 1,000 Births	..	..	..	..	..	40·8 (46)

## Vital Statistics of the Year 1945

BIRTHS			Total	Males	Females
Live Births 196	Legitimate ..		179	100	79
	Illegitimate ..		17	9	8
Birth Rate per 1,000 estimated resident population, 19.7 (16.1)					

Still Births 7	Legitimate ..		7	6	1
	Illegitimate ..		—	—	—
Birth Rate per 1,000 total (live and still) births, 34.4					

DEATHS	....	..	..	..	..	102	56	46
Death Rate per 1,000 estimated resident population, 10.2 (11.4)								

### Number of Women dying in, or in consequence of Childbirth :—

From Puerperal Sepsis	..	..	..	..	..	..	—
From other causes	..	..	..	..	..	..	—
							—
Total							—
							—

### Deaths of Infants under 1 year of age :— 8

All infants per 1,000 births	..	..	..	..	40.8	(46)
Legitimate infants per 1,000 legitimate live births	..				33.5	
Illegitimate infants per 1,000 illegitimate live births	..				117.6	

Deaths from Diarrhoea (under 2 years of age)	..	—
--	----	---

### Chief Causes of Death—

Heart Disease	..	..	..	..	..	..	28
Cancer	..	..	..	..	..	..	19
Respiratory Disease..	..	..	..	..	..	..	15
Intra Vascular Disease	..	..	..	..	..	..	13
Pulmonary Tuberculosis	..	..	..	..	..	..	4
Acute Encephalitis..	..	..	..	..	..	..	1
Diphtheria..	..	..	..	..	..	..	1

(Note.—Figures given in brackets are corresponding figures for England and Wales).



# GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA

## Treatment Centres and Clinics

### Child Welfare Centres

Four Child Welfare Centres are maintained in the District by the County Council :—

Balderton	Collingham	Farndon	Wigsley
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Sessions are held as follows :—

Balderton, Bullpit Lane	.. Thursday weekly, 2 to 4.30 p.m.
Collingham, Public Hall	.. Tuesday fortnightly, 2 to 4.30 p.m.
Farndon, Methodist Hall	.. Monday fortnightly, 2 to 4.30 p.m.
Wigsley, Methodist Chapel	Wednesday fortnightly, 2 to 4.30 p.m.

Ante-natal Clinics are held monthly at Collingham, Farndon, and Wigsley, during the Medical Officer's session at the Child Welfare Centre. At Balderton a separate session is held monthly on Friday, from 2 to 4.30 p.m.

### School Clinics

A School Clinic is conducted by the County Council at Balderton, Bullpit Lane. Sessions are held weekly on Thursday from 9.30 a.m. to 12 noon.

## Isolation Hospital

Cases of infectious disease are treated in the Borough Isolation Hospital.

The number admitted during the year was 15, an increase of 2 on the previous year's figure. The cases admitted were :—

Scarlet Fever	.. 8
Diphtheria	.. 7 (3 not confirmed)

## Infectious Disease

No serious outbreak of infectious disease occurred in the District in 1945.

Three cases of diphtheria were confirmed in the North of the District ; 2 at Spalford and 1 at South Clifton. The Spalford cases were a child aged 6, and some few days later his mother whose contact swab had been negative. This child had not been immunised. His brother who had been immunised remained well. The case at S. Clifton was an adult aged 32. One case aged 55 was notified from Balderton. Owing to distance from hospital three child contacts (all immunised) from S. Clifton, who at the time developed sore throats, were immediately admitted to the isolation hospital, but investigation proved them not to be suffering from clinical diphtheria, although in two cases the immediate swab was positive.

Thirteen cases of scarlet fever were notified during the year. Of these 8 occurred in Collingham and Holme, in batches of 3 at Holme in September, 3 in Collingham in October and 2 in December. The batches occurred outside the incubation period, which in Scarlet Fever has a maxim of eight days, and no connection could be discovered. Presumably mild undiagnosed cases carried on the infection.

Immunisation continued to be carried out, a definite rush being noticed after the cases mentioned. It seems rather hard on children that a death from diphtheria is needed to push some parents to accept this precaution against a very dangerous disease.

On 31st December, 1945, the position with regard to immunisation was that 2,129 children under 15 had received injection under the Council's arrangements. This number with that immunised by their own doctors privately, give a percentage of 80% (pre-school) and 79% (school) considered to be immunised.

The results are well worth the expense.

No cases of Typhoid or Paratyphoid Fever occurred.

### Infestation

Ten cases of scabies were reported during the year and were dealt with by home visits and treatment with Benzyl Benzoate Applications for the family. It was not found necessary to remove any family for disinfestation at the cleansing centre.

Infestation by lice was treated with Lethane Special Hair Oil. Close co-operation with the County Health Visitors was maintained.

### Water Supplies

Unfortunately the position of the water supply remains unchanged so far as actual piped supplies are concerned. Most of the Parishes rely on wells whose water is of doubtful quality and quantity. The plans mentioned in my last report have progressed at the time of writing to almost completion of procedure, and I hope will result in work on a complete piped supply being well under way before the next Annual Report is written.

The Parishes with a piped supply at present from Newark Borough, have a water of splendid quality which is safeguarded by chlorination.

# INFECTIOUS DISEASES

Analysis of Notified Cases during the year 1945, according to Age Groups

DISEASE	AGE GROUPS											
	Under 1 year	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 35	35 to 45	45 to 65	65 and over
Cerebro-Spinal Fever ..	—	—	—	—	—	—	—	—	—	—	—	—
Scarlet Fever ..	1	—	—	—	—	8	3	—	1	—	—	—
Diphtheria ..	—	—	—	—	—	1	—	—	2	—	1	—
Enteric Fever (including Paratyphoid)	—	—	—	—	—	—	—	—	—	—	—	—
Puerperal Pyrexia ..	—	—	—	—	—	—	—	—	—	—	—	—
Pneumonia ..	—	—	—	—	—	—	—	—	1	—	—	—
Anterior Poliomyelitis	—	—	—	—	—	—	—	1	—	—	—	—
Erysipelas	—	—	—	—	—	—	—	—	2	—	—	—



# Infectious Diseases, 1936—1945

Year	Diphtheria including Membranous Croup	Erysipelas	Scarlet Fever	Enteric Fever	Puerperal Pyrexia	Pulmonary Tuberculosis	Other forms of Tuberculosis	Ophthalmia Neonatorum	Measles	Pneumonia	Whooping Cough	Cerebro-Spinal Fever	A. Poliomyelitis	Total
1936	4	1	39		2	7	2							55
1937	3		37			3	1			3				47
1938	9	1	11		1	10	1			1				34
1939	2	2	12		1					1				18
1940		2	5		2	15	10	1	33	4	5	1		78
1941	2		3	3	1	10	3		85	6	8	3		124
1942	1		11			9	2		17		5			45
1943	3	2	9	—	—	5	2	—	39	1	9	—		70
1944	2	2	19	—	—	5	—	2	5	—	2	1		38
1945	4	2	13	—	—	8	5	—	32	1	3	—	1	69

# TUBERCULOSIS

## New Cases and Mortality during 1945

Age Periods	New Cases				Deaths			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	M.	F.	M.	F.	M.	F.	M.	F.
0	—	—	—	—	—	—	—	—
1	—	—	—	—	—	—	—	—
5	1	—	1	—	—	—	—	—
10	—	—	1	1	—	—	—	—
15	1	2	1	1	—	—	—	—
20	—	—	—	—	—	—	—	—
25	2	—	—	—	—	1	—	—
35	—	—	—	—	—	—	—	—
45	—	—	—	—	—	—	—	—
55	1	1	—	—	2	—	—	—
65 & upwards	—	—	—	—	—	—	—	—
Totals	5	3	3	2	2	1	—	—

(1) Non-notified deaths :—Pulmonary Tuberculosis .. —  
Non-Pulmonary Tuberculosis .. —

(2) There is no evidence of excessive mortality from Tuberculosis in any particular occupation in this area.

### Public Health (Prevention of Tuberculosis) Regulations 1925.

No action has been necessary under these Regulations.

### Public Health Act, 1936. Section 172.

No action has been necessary under the above heading.

# ANNUAL REPORT OF THE SANITARY INSPECTOR FOR THE YEAR 1945

## 1. Inspection of Dwellinghouses during the Year 1945

(i)	(a)	Total number of dwellinghouses inspected for housing defects (under Public Health or Housing Acts) .. .. .	75
	(b)	Number of inspections made for the purpose ..	93
(ii)	(a)	Number of dwellinghouse (included under sub-head 1 above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 and 1932 .. .. .	Nil
	(b)	Number of inspections made for the purpose ..	Nil
(iii)		Number of dwellinghouses found to be in a state so dangerous or injurious to health as to be unfit for human habitation .. .. .	1
(iv)		Number of dwellinghouses (exclusive of those referred to under the preceding sub-heading) found not to be in all respects reasonably fit for human habitation .. .. .	15

## 2. Remedy of defects during year without service of formal notices

Number of defective dwellinghouses rendered fit in consequence of informal action by the Local Authority or their Officers .. .. .	9
--	---

## 3. Action under Statutory Powers during the year=

### (a) Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936

(1)	Number of dwellinghouses in respect of which notices were served requiring repairs .. .. .	7
(2)	Number of dwellinghouses which were rendered fit after service of formal notices—	
	(a) By Owners .. .. .	2

## 4. Proceedings under Public Health Acts

Number of official notices served .. .. .	Nil
Nuisances remedied without formal notices—	
Drains cleared .. .. .	19
New drains laid .. .. .	3
Wells cleansed .. .. .	1
Public water laid on .. .. .	2
Other defects remedied .. .. .	2



## 5. Milk and Dairies Acts

Number of wholesale producers	..	..	60
Number of retail producers	..	..	50
Retailers	..	..	7
Dairies registered as buttermakers only	..	..	3
New registrations as cowkeepers during the period			1
Official Notices served	..	..	1
Official Notices complied with	..	..	1
Cowsheds improved	..	..	1

## 6. Slaughterhouses

All animals are being killed in the Borough of Newark. Butchers' Shops have been inspected.

## 7. Food and Drugs Acts

The following foodstuffs have been surrendered and condemned—  
11 lbs margarine, 3 stones fish, 4 lbs. chocolate

## 8. Refuse Collection and Disposal

Regular scavenging is carried out in the Parishes of Balderton and Farndon.

In Farndon the work is carried out by contract.

In Balderton the work was done by contract to June 30th. The Council have now their own scavenging lorry and the work is done by direct labour.

The contents of pail closets are disposed of on agricultural land. Ashes and other refuse are being used for filling in a gravel pit at Farndon.

A monthly collection of tins and similar refuse is being made at Elston. There are also nine tin dumps which are cleared as occasion requires.

## 9. Water Supply

The villages of North and South Collingham, Langford, Winthorpe, Coddington, Balderton, Hawton and Farndon, are supplied with water from Newark. The remainder of the District is supplied from surface wells.

R. OAKDEN,

*Sanitary Inspector*











